

CONTENTS

Volume 3, Issue Nos. 1-4

THE JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION

VOLUME 3, ISSUE No. 1	<i>January-March 1992</i>
Editorial	ii
Creative Parameter Selection for Volume Visualization: C. Giersten	1
Graphical Displays of Human Strength Data: S. Wei and N. I. Badler	13
Infinite Reflection Models for the Visual Arts: M. Inakage	23
Choreographed Image Flow: K. Sims	31
Hanging Cloths and Dangling Rods: a Unified Approach to Constraints in Computer Animation: C. W. A. M. van Overveld and E. van Loon	45
Calendar of Events	61
VOLUME 3, ISSUE No. 2	<i>April-June 1992</i>
Editorial	63
A High-speed Integrated Renderer for Interpreting Multiple 3D Volume Data: T. Miyazawa and K. Koyamada	65
Ballerinas Generated by a Personal Computer: S. Yoshimoto	85
The Visualization of Knots and Braids: L. Bates, B. Wyvill and C. Yao	91
Three-dimensional Texture Generator Supervised by a Small Number of Parameters: J. P. Gourret and P. Afflard	105
A Cell-transverse Display Algorithm for Regular and Rectilinear 3D Grid Data: A. Doi and A. Koide	129
Calendar of Events	145

Indexed or abstracted by Cambridge Scientific abstracts and INSPEC

VOLUME 3, ISSUE No. 3

July–September 1992

Editorial	ii
Six-hundred Indexed References on Computer Animation: N. Magnenat Thalmann and D. Thalmann	147
Visualization of Polymer Systems: C. Munkel and D. W. Heermann	175
The Virtual Museum: Interactive 3D Navigation of a Multimedia Database: G. Miller, E. Hoffert, S. E. Chen, E. Patterson, D. Blackketter, S. Rubin, S. A. Applin, D. Yim and J. Hanan	183
Calendar of Events	199

VOLUME 3, ISSUE No. 4

October–December 1992

Editorial	ii
Integrated Software, Process, Algorithm and Application Visualization: M. Friedell, S. Kochhar, M. V. LaPolla and J. Marks	201
Shape Transformation by Boundary Representation Interpolation: a Recursive Approach to Establishing Face Correspondences: R. E. Parent	219
Calendar of Events	241
Author Index	243
Key Word Index	244

